

# SEQUENCE LISTING

<110> Hayden, Michael R.  
Pimstone, Simon  
Brooks-Wilson, Angela R.  
Clee, Susanne M.

<120> Compositions and Methods for Modulating  
HDL Cholesterol and Triglyceride Levels

<130> 50110/004002

<150> US 60/124,702

<151> 1999-03-15

<150> US 60/138,048

<151> 1999-06-08

<150> US 60/139,600

<151> 1999-06-17

<150> US 60/151,977

<151> 1999-09-01

<150> US 09/526,193

<151> 2000-03-15

<150> US 60/213,958

<151> 2000-06-23

<160> 256

<170> FastSEQ for Windows Version 4.0

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<211> 183999

<212> DNA

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<221> variation

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nucleotide. All K's are G or T. All Y's are C or  
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H's are A, C, or T. All B's are C,G, or T. All  
R's are A or G.

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<400> 10  
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<210> 11  
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<400> 11  
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<210> 12  
 <211> 24  
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<220>  
 <221> variation  
 <222> (1)...(18)  
 <223> N at positions 1-6,8,9, and 17 is A,T,C, or G. N  
 at position 18 is A,T,C, G, or other, including no  
 nucleotide.

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<210> 13  
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<400> 13  
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<400> 14  
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<210> 15  
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<210> 24

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<400> 24

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<210> 25

<211> 20

<212> DNA

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<210> 26

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<212> DNA

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<400> 26

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<210> 27

<211> 20

<212> DNA

<213> homo sapien

<400> 27

ccatgattgg atcactgcac

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<210> 28

<211> 20

<212> DNA

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<400> 28

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<210> 29

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<213> homo sapien

<400> 29

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20

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 <223> N at positions 2-9 is A,T,C, or G. N at positions  
 1 and 10 is A or T. N at position 11 is A or G.  
  
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<210> 36  
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 <210> 37  
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 <400> 37  
 gaggagatgg aggggtca 17  
  
 <210> 38  
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 <212> DNA  
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<210> 50  
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<400> 50  
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<400> 52  
tccctacccc tcaggtca 18

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<222> (2)...(2)  
<223> N at position 2 is C or G.

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<210> 54  
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<220>  
<221> variation  
<222> (12)...(12)

<223> N at position 12 is A,T,C, or G.

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<400> 57  
aagcctaaca aggttactga aggcca 26

<210> 58  
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<400> 58  
agaggtgggc ggatcacctg aggtca 26

<210> 59  
<211> 24  
<212> DNA  
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<400> 59  
ctcgatttcc tgacctcgtg atcc 24

<210> 60  
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<400> 60  
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<210> 61

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<212> DNA

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aaaagtctac tgagatggga t

21

<210> 92

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ggccagatca cctccttcct g

21

<210> 93

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gaaaattagt ctgtaaggaa g 21

<210> 164  
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<400> 164  
cattttctta gaaaagagag gt 22

<210> 165  
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<400> 165  
cattttctta gagaagagag gt 22

<210> 166  
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<220>  
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<222> (11)...(11)  
<223> N at position 11 is G or T

<400> 166  
tttaaagggg ntgattagga 20

<210> 167  
<211> 22  
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<220>  
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<222> (11)...(11)  
<223> N at position 11 is G or T

<400> 167  
gaagaaattt ntttttttga tt 22

<210> 168  
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<400> 168  
tctgtcccca tccctgacg 19

<210> 169  
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<400> 169  
tctgtcccca atccctgacg 20

<210> 170  
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<400> 170  
aggagccaaa cgctcattgt 20

<210> 171  
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<400> 171  
aggagccaaa gcgctcattg t 21

<210> 172  
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<212> DNA  
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<400> 172  
 aagccactgt ttttaaccag t 21

<210> 173  
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<400> 173  
 aagccactgt atttaaccag t 21

<210> 174  
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<400> 174  
 gctccctcta gcatgcaggc tc 22

<210> 175  
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 <212> DNA  
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<400> 175  
 gctccctcta gtatgcaggc tc 22

<210> 176  
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 <212> DNA  
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<400> 176  
 ttgcctgttt ctcacagagc c 21

<210> 177  
 <211> 19  
 <212> DNA  
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<400> 177  
 ttgcctgttt ctcagagcc 19

<210> 178  
 <211> 21  
 <212> DNA  
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<220>  
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 <222> (10)...(10)  
 <223> N at position 10 is C or G

<400> 178  
gcgcagtgcn ctgtgtcctt a 21

<210> 179  
<211> 23  
<212> DNA  
<213> homo sapien

<220>  
<221> variation  
<222> (12)...(12)  
<223> N at position 12 is G or T

<400> 179  
ctctttctgtt ancacagaag aga 23

<210> 180  
<211> 21  
<212> DNA  
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<220>  
<221> variation  
<222> (11)...(11)  
<223> N at position 11 is A or G

<400> 180  
cattctaggg ntcataagcca t 21

<210> 181  
<211> 22  
<212> DNA  
<213> homo sapien

<220>  
<221> variation  
<222> (11)...(11)  
<223> N at position 11 is G or T

<400> 181  
aagtacagtg ngaggaacag cg 22

<210> 182  
<211> 22  
<212> DNA  
<213> homo sapien

<220>  
<221> variation  
<222> (12)...(12)  
<223> N at position 12 is A or G

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<210> 189  
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<220>  
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<222> (11)...(11)  
<223> N at position 11 is A or G

<400> 189  
tgagagaatt ncttgaaccc gg 22

<210> 190  
<211> 21  
<212> DNA  
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<220>  
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<222> (11)...(11)  
<223> N at position 11 is C or T

<400> 190  
tttctgtaaa naatcactga c 21

<210> 191  
<211> 22  
<212> DNA  
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<220>  
<221> variation  
<222> (11)...(11)  
<223> N at position 11 is C or T

<400> 191  
aacctcagtt ncctcatctg tg 22

<210> 192  
<211> 21  
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<213> homo sapien

<400> 192  
aagaagtggc ttgtattttg c 21

<210> 193  
<211> 21  
<212> DNA  
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<400> 193  
aagaagtggc ctgtattttg c 21



<210> 194  
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<220>  
<221> variation  
<222> (11)...(11)  
<223> N at position 11 is A or G.

<400> 194  
aactgatttg nttggtatag ctg 23

<210> 195  
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<400> 195  
aataaagata atttcttttg 20

<210> 196  
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<400> 196  
aataaagata gtttcttttg 20

<210> 197  
<211> 22  
<212> DNA  
<213> homo sapien

<400> 197  
ttcctgcccc gacactcccg cc 22

<210> 198  
<211> 22  
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<400> 198  
ttcctgcccc cacactcccg cc 22

<210> 199  
<211> 22  
<212> DNA  
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<220>  
<221> variation  
<222> (11)...(11)  
<223> N at position 11 is A or G.

<400> 199	22
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<210> 200	
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<400> 200	22
tgtcagctgt tactggaagt gg	
<210> 201	
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<212> DNA	
<213> homo sapien	
<400> 201	22
tgtcagctgc tgctggaagt gg	
<210> 202	
<211> 21	
<212> DNA	
<213> homo sapien	
<400> 202	21
aggagctggc cgaagccaca a	
<210> 203	
<211> 21	
<212> DNA	
<213> homo sapien	
<400> 203	21
aggagctggc tgaagccaca a	
<210> 204	
<211> 21	
<212> DNA	
<213> homo sapien	
<400> 204	21
aatgatgcca ccaaacaaat g	
<210> 205	
<211> 21	
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<400> 205	21
aatgatgcca tcaaacaaat g	

<210> 206  
<211> 21  
<212> DNA  
<213> homo sapien

<400> 206  
gaggtggctc cgatgaccac a 21

<210> 207  
<211> 21  
<212> DNA  
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<400> 207  
gaggtggctc tgatgaccac a 21

<210> 208  
<211> 21  
<212> DNA  
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<400> 208  
ttccttaaca gaaatagtat c 21

<210> 209  
<211> 21  
<212> DNA  
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<400> 209  
ttccttaaca aaaatagtat c 21

<210> 210  
<211> 21  
<212> DNA  
<213> homo sapien

<400> 210  
ggaagtgttc caaaagagaa a 21

<210> 211  
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<213> Artificial Sequence

<220>  
<223> Synthetic primer

<400> 211  
gtattttttgc aaggctacca gttacatttg acaa 34

<210> 212  
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 gattggcttc aggatgtcca tgttggaa 28  
  
 <210> 213  
 <211> 20  
 <212> DNA  
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 <220>  
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 <400> 213  
 gctgctgtga tggggatatct 20  
  
 <210> 214  
 <211> 20  
 <212> DNA  
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 <220>  
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 <400> 214  
 acctcactca cacctgggaa 20  
  
 <210> 215  
 <211> 20  
 <212> DNA  
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 <223> Synthetic primer  
  
 <400> 215  
 caagtgagtg cttgggattg 20  
  
 <210> 216  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic primer  
  
 <400> 216  
 tgcttttatt cagggactcc a 21

<210> 217  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic primer  
  
 <400> 217  
 gtgatcccag cgtggtgttt gtctt 25  
  
 <210> 218  
 <211> 37  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic primer  
  
 <400> 218  
 gaaaggccag aggtactcac agcgaagatc ttgaggg 37  
  
 <210> 219  
 <211> 21  
 <212> DNA  
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 <220>  
 <223> Synthetic primer  
  
 <400> 219  
 tcgtttttatt cagggactcc a 21  
  
 <210> 220  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Synthetic primer  
  
 <400> 220  
 caagtgagtg cttgggattg 20  
  
 <210> 221  
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 <400> 221  
 cccatgcact gcagagattc 20

<210> 222  
<211> 21  
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<220>  
<223> Synthetic primer

<400> 222  
gcaaattcaa atttctccag g

21

<210> 223  
<211> 35  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 223  
gagaagagcc accctgggtc caaccagaag aggat

35

<210> 224  
<211> 19  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 224  
aaggcaggag acatcgctt

19

<210> 225  
<211> 36  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 225  
gagcagttct gatgctggcc tgggcagcga ccacga

36

<210> 226  
<211> 20  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 226  
tctgcacctc tcctcctctg

20

<210> 227  
<211> 35  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 227  
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35

<210> 228  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Synthetic primer

<400> 228  
atgcccctgc caacttac

18

<210> 229  
<211> 27  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 229  
gtgcaattac gttgtccctg ccacact

27

<210> 230  
<211> 30  
<212> DNA  
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<220>  
<223> Synthetic primer

<400> 230  
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30

<210> 231  
<211> 16  
<212> DNA  
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<220>  
<221> variation  
<222> (7)...(10)  
<223> N at position 7-10 is A, T, C, or G

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<211> 16	
<212> DNA	
<213> Homo sapien	
<400> 232	
agatcacttg aggtca	16
<210> 233	
<211> 22	
<212> DNA	
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<400> 233	
cagcgcttcc cgcgctctt ag	22
<210> 234	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
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<400> 234	
ccactcactc tcgtccgcaa ttac	24
<210> 235	
<211> 38	
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ctgctgagtg actgaactac ataaacagag gccgggta	38
<210> 236	
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ccactcactc tcgtccgcaa ttac	24



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 <400> 237  
 cagcgcttcc cgcgctctt ag 22  
  
 <210> 238  
 <211> 24  
 <212> DNA  
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 <400> 238  
 ccactcactc tcgtccgcaa ttac 24  
  
 <210> 239  
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 <400> 239  
 ctggctttct gctgagtgc 20  
  
 <210> 240  
 <211> 19  
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 <400> 240  
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 <210> 241  
 <211> 30  
 <212> DNA  
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 <223> Synthetic Primer  
  
 <400> 241  
 actcagttgt ataaccact gaaaatgagt 30

<210> 242  
<211> 23  
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<220>  
<223> Synthetic Primer

<400> 242  
ttctatagat gttatcatct ggg 23

<210> 243  
<211> 30  
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<220>  
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<400> 243  
actcagttgt ataaccact gaaaatgagt 30

<210> 244  
<211> 23  
<212> DNA  
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<220>  
<223> Synthetic Primer

<400> 244  
ttctatagat gttatcatct ggg 23

<210> 245  
<211> 20  
<212> DNA  
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<220>  
<223> Synthetic Primer

<400> 245  
tcacctaagg cacgttgagg 20

<210> 246  
<211> 20  
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<400> 246  
cctcaagcct ggagtgactt 20

<210> 247  
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<400> 247  
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<210> 248  
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<400> 248  
accctagcgc tgtgtctctg 20

<210> 249  
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<210> 250  
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<210> 251  
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<210> 252  
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<210> 253  
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cccctcctgc tttatctttc agttaatgac cagccccg 38

<210> 254  
<211> 20  
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<223> Synthetic Primer

<400> 254  
atccccaact caaaaccaca 20

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<220>  
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<400> 255  
gccgctgcct tccagggtc cagagccaca cgctgcg 37

<210> 256  
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<220>  
<223> Synthetic Primer

<400> 256  
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